AllerAir Industries

# 5000 DS & DXS

## Specially designed to deal with tobacco smoke

### For Bars, restaurants, hotels, smoking lounges

### *Unique Tar-Trapping pre-filter*

- Special pre-filter to trap tar and large airborne particles
- Easy to change, works like a cigarette filter

### *Activated carbon filter*

- Specially blended activated carbon traps up to 400 toxic chemicals found in tobacco smoke. Inculding: benzene, toluence, arsenic, nicotine, cyanide, trichlorethylene
- 3" deep carbon bed for highest efficiency (3 5/8" deep carbon bed option available)

### *Micro-HEPA particle filter*

- Filters airborne particles such as fine ash

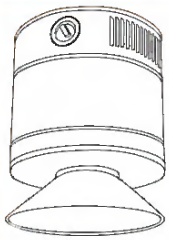
### *3 speed 400 CFM fan*

- Wisper quiet on low, high for regular use and turbo for rapid room clearing

**5000 DS**

22 lbs. activated carbon in 3" bed

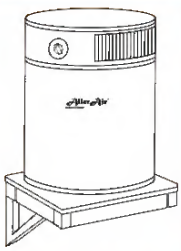
**MORE DIFFERENT WAYS TO UTILIZE OUR DS UNIT:**



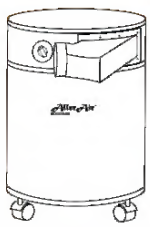
Intake funnel

Suspension chains

Advertising vehicle



Wall brackets



Ducting

**Improve your patrons comfort.**
**Conform to environmental codes and regulations**

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# 5000 DS/DXS

## Specially designed to deal with tobacco smoke

### The nature of tobacco smoke

- Tobacco smoke consists of tars, water vapor, carbon dioxide, nicotine and over 400 other chemicals
- Tars accumulate on draped, furniture, clothing, walls and other surfaces and continue to release tar vapors and odors long after active smoking has stopped.

### Adsorb tobacco smoke, odors and chemicals with AllerAir's unique Tar-trapping filter combined with activated carbon filtration

- The tar-trapping filter traps tar like a cigarette filter
- The activated carbon absorbs the airborne chemicals, gases and odors
- Activated carbon absorbs up to 60% of its own weight of airborne chemical compounds
- The 5000 DS series has 22 lbs of specially blended activated carbon
- Carbon traps and removes the gases and odors permanently, it does not mask them or move them to another area

### Cost savings

- The air in the room effectively cleans and recirculates. There is no need to bring in energy consuming outdoor air.

### Remove lingering odors

- Leaving the DS unit on while the area is inactive removes lingering odor from tars accumulated on surfaces leaving a fresh atmosphere for opening time

### Electrostatic devices: not as effective

- Electrostatic air filtration devices only filter the particles in tobacco smoke but leave the toxic chemicals
- Electrostatic filters become quickly saturated and ineffective; requiring frequent and expensive changes
- Ozone, which damages the lining of the lungs, is given off by electrostatic air filtering device filters. The EPA has issued a warning on the dangers of breathing ozone
- Tar builds up on the electronic plates and toxic materials are emitted back into the air

### Consult our experts

- AllerAir air quality experts can suggest the best combination of filtration and carbon blend for your application

**The DS series: the safest, most effective air cleaning for tobacco smoke**

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